

ABSTRACT OF THE DISCLOSURE

A method of decoding turbo-encoded, received data in CDMA (Code Division Multiple Access) system which carries out closed-loop control to electric power of a data transmitter, based on a signal to interference ratio, includes the steps of (a) weighting reverse-diffused, received data, based on both the signal to interference ratio and data obtained when the signal to interference ratio is measured, (b) carrying out ACS operation or comparison/selection operation in a process of updating alpha metric, a process of updating beta metric, and a process 10 for computing likelihood, to the thus weighted, received data, and (c) compensating for results of the ACS operation, based on a predetermined value associated with a difference generated when the ACS operation or the comparison/selection operation is carried out.